

# Comparisons of Job Characteristics

**Focus Occupation:** [Respiratory Therapy Technicians \(29-2054\)](#)

**Associated Occupation:** [Respiratory Therapists \(29-1126\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 96

**Focus Occupation:** Respiratory Therapy Technicians (29-2054)

**Associated Occupation:** Respiratory Therapists (29-1126)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Customer and Personal Service	11.3	21.9	15.7	<< Extensive education and/or training may be required
Medicine and Dentistry	3.7	17.9	15.9	< Expanded education and/or training may be required
Psychology	6.4	12.9	12.8	0 Current knowledge level may be sufficient
Biology	3.7	12.2	10.3	< Expanded education and/or training may be required
Physics	4.3	10.6	8.3	< Expanded education and/or training may be required
Chemistry	4.8	10.5	10.2	0 Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 93

**Focus Occupation:** Respiratory Therapy Technicians (29-2054)

**Associated Occupation:** Respiratory Therapists (29-1126)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Monitoring	9.9	13.3	11.8	< A higher skill level may be required
Social Perceptiveness	9.1	11.8	11.1	0 Current skill level may be sufficient
Service Orientation	7.9	11.5	10.8	0 Current skill level may be sufficient
Science	4.5	10.7	8.8	< A higher skill level may be required
Equipment Selection	3.3	6.1	6.8	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 93			
Focus Occupation: Respiratory Therapy Technicians (29-2054) Associated Occupation: Respiratory Therapists (29-1126)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Oral Comprehension	12.5	14.6	12.2	<	Some improvement in abilities may be required
Oral Expression	12.4	14.4	12.0	<	Some improvement in abilities may be required
Problem Sensitivity	11.1	14.3	13.3	0	Current ability level may be sufficient
Written Comprehension	11.0	12.5	11.2	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	11.8	11.4	0	Current ability level may be sufficient
Information Ordering	9.9	11.6	10.3	<	Some improvement in abilities may be required
Near Vision	11.1	11.6	10.8	0	Current ability level may be sufficient
Deductive Reasoning	10.6	11.5	11.2	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	7.6	8.4	>	Current ability level is likely sufficient
Wrist-Finger Speed	3.2	5.6	4.8	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 96
Focus Occupation: Respiratory Therapy Technicians (29-2054) Associated Occupation: Respiratory Therapists (29-1126)		
Work Activities	Exclusivity of Activity	
Administer medications or treatments	46	
Analyze medical data	57	
Assist patient in performing breathing exercises	89	
Collect clinical data	56	
Communicate technical information	4	
Identify body response variations	57	
Make presentations on health or medical issues	50	
Monitor medical oxygen equipment	89	
Observe patient condition	48	
Position patient for therapy	70	
Set up medical oxygen equipment	92	

Take vital signs	56
Understand technical operating, service or repair manuals	6
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use respiratory equipment	92
Use sanitation practices in health care settings	48

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 94

**Focus Occupation: Respiratory Therapy Technicians (29-2054)**  
**Associated Occupation: Respiratory Therapists (29-1126)**

Tools and Technologies	Exclusivity
Airway management products	30
Computers	1
Content authoring and editing software	1
Electrocardiography EKG units and related products	20
Industry specific software	1
Information exchange software	1
Negative mechanical pressure ventilators	90
Oxygen therapy delivery systems and devices	13
Positive mechanical pressure ventilators and accessories	31
Pulmonary function testing and treatment products	24
Respiratory humidity and aerosol therapy products	31
Respiratory monitoring products	29
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.